

1. Job Details	
Job Title	Heat Treatment Operator
Department	Manufacturing
Responsible to	Production Supervisor
Location	Stony Lane, Christchurch, Dorset, BH23 1EX, UK

2. Overall Purpose
To control heat-treatment furnaces, and quenching equipment to alter physical and chemical properties of metal objects / raw material, to internal company procedures, and customer specification to meet specific tempers; annealing, solution treatment and precipitation of aluminium and aluminium alloys. Set and adjust equipment controls to set temperature and time of heating cycle of furnaces and quench tank to attain require properties.

3. Key Areas of Responsibility
<ul style="list-style-type: none"> • Loading and unload of parts and materials from furnaces. • Removes parts / materials after prescribed time and quenches parts in water bath or allows parts to cool in air. • Identification of test pieces and parts (part marking). • Logging of heat treatment cycles. • Conditioning of parts and test pieces for heat treatment, e.g., deburring and cleaning. • Transfer of parts to cold storage. • Perform required temperature checks on all associated equipment (SAT) • Perform operator required furnace checks (TPMs) to internal procedures. • Movement of parts around factory. • Comply with health and safety and environmental legislation. • Any other duties as necessary.

4. Experience Required
<ul style="list-style-type: none"> • Heat treatment of metals • Aerospace Experience Beneficial

5. Key Knowledge Areas
<ul style="list-style-type: none"> • Metal Types

6. Key Skills and Technical Requirements

7. Person Profile
<ul style="list-style-type: none"> • Reliable, dedicated, hardworking individual with a can do attitude who works well as part of a team